

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A computer system comprising:  
a main system that executes an application in cooperation with a human user;  
an auxiliary system to evaluate problems in the main system using a service module to collect problem related data from the main system, wherein the auxiliary system determines a context of the evaluated problems and distinguishes versions of the main system;  
a knowledge module that stores knowledge representations by classifying the knowledge representations into context groups, wherein,  
each context group is classified according to at least one predefined context,  
~~wherein~~ the knowledge representations comprise entries for specific problem symptoms and corresponding solutions, ~~and wherein~~  
the knowledge module distinguishes the context with a primary context and a secondary context, with the secondary context referenced from the primary context[[:]], and  
the knowledge module makes knowledge representations selectively available or non-available according to a selected context;

an inference module that processes problem related data with knowledge representations where the context of the evaluated problems is used to select at least one context group of the knowledge representations to identify solutions, wherein the inference module forwards the solutions through the service module to the main system.

2. (Previously Presented) The computer system of claim 1, wherein the auxiliary system distinguishes context and versions relating to the application.

3. (Previously Presented) The computer system of claim 2, wherein the auxiliary system distinguishes context and versions by using a check lexicon in the knowledge module.

4. (Previously Presented) The computer system of claim 3, wherein the check lexicon lists details for the knowledge representations, wherein the details depend on a version of the main system.

5. (Previously Presented) The computer system of claim 3, wherein the check lexicon lists details for the knowledge representations, wherein the details depend on a version of the application.

6. (Previously Presented) The computer system of claim 3, wherein the check lexicon lists details for the knowledge representations, wherein the details depend on the context of the problem.

7. (Previously Presented) The computer system of claim 3, wherein the check lexicon lists details for the knowledge representations that depend on a version of the main system.

8. (Previously Presented) The computer system of claim 3, wherein the check lexicon uses parameters for versions and context.

Claims 9-12. (Cancelled).

13. (Previously Presented) A computer system comprising:  
a main system that executes an application in cooperation with a human user;  
an auxiliary system to evaluate problems in the main system using a service module to collect problem related data from the main system, wherein the auxiliary system determines a context of the evaluated problems and distinguishes versions of the main system;  
a knowledge module that stores knowledge representations by classifying the knowledge representations into context groups, wherein each context group is classified according to at least one predefined context, wherein the knowledge representations comprise entries for specific problem symptoms and corresponding solutions, and wherein the knowledge module makes knowledge representations selectively available or non-available according to a selected context; and

an inference module that processes problem related data with knowledge representations where the context of the evaluated problems is used to select at least one context group of the knowledge representations to identify solutions, wherein the inference module forwards the solutions through the service module to the main system.

14. (Previously Presented) The computer system of claim 13, wherein the auxiliary system distinguishes context and versions relating to the application.

15. (Previously Presented) The computer system of claim 14, wherein the auxiliary system distinguishes context and versions by using a check lexicon in the knowledge module.

16. (Previously Presented) The computer system of claim 15, wherein the check lexicon lists details for the knowledge representations, wherein the details depend on a version of the main system.

17. (Previously Presented) The computer system of claim 15, wherein the check lexicon lists details for the knowledge representations, wherein the details depend on a version of the application.

18. (Previously Presented) The computer system of claim 15, wherein the check lexicon lists details for the knowledge representations, wherein the details depend on the context of the problem.

19. (Previously Presented) The computer system of claim 15, wherein the check lexicon lists details for the knowledge representations that depend on a version of the main system.

20. (Previously Presented) The computer system of claim 15, wherein the check lexicon uses parameters for versions and context.